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Titolo	Percutaneous Penetration Enhancers Physical Methods in Penetration Enhancement / / edited by Nina Dragicevic, Howard I. Maibach
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Descrizione fisica	1 online resource (XVII, 508 p. 126 illus., 47 illus. in color.)
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Sonophoresis In Penetration Enhancement -- Iontophoresis In Penetration Enhancement -- Electroporation In Penetration Enhancement -- Novel Electrochemical Devices -- Different Waves In Penetration Enhancement -- The Use Of Magnetic Fields In Penetration Enhancement -- Moxibustion In Penetration Enhancement -- Vesicles Under Voltage In Penetration Enhancement -- Neddle-Free Jet Injections -- Removing Or Bypassing The Stratum Corneum -- Combination Of Different Physical Methods In Penetration Enhancement -- Combination Of Passive (Chemical) And Active (Physical) Methods In Penetration Enhancement -- Physical Methods For Transdermal Delivery Of Peptides And Proteins -- Physical Methods In Intradermal Vaccination And Gene Delivery.
Sommario/riassunto	Percutaneous Penetration Enhancers in a mini-series format comprising five volumes, represents the most comprehensive reference on enhancement methods – both well established and recently introduced – in the field of dermal/transdermal drug delivery. In detail the broad range of both chemical and physical methods used to enhance the skin delivery of drugs is described. All aspects of drug delivery and measurement of penetration are covered, and the latest findings are provided on skin structure and function, mathematics in skin permeation, and modern analytical techniques adapted to assess and

measure penetration. In offering a detailed description of the methods currently in use for penetration enhancement, this book will be of value for researchers, pharmaceutical scientists, practitioners, and also students.